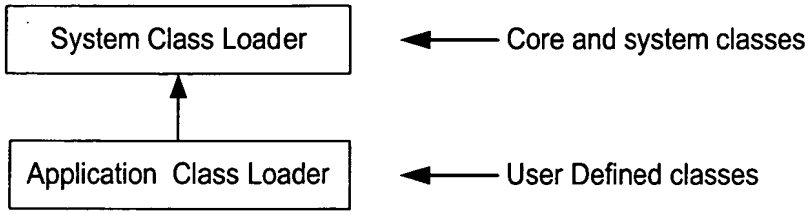


Fig. 1

0605287 .0605201

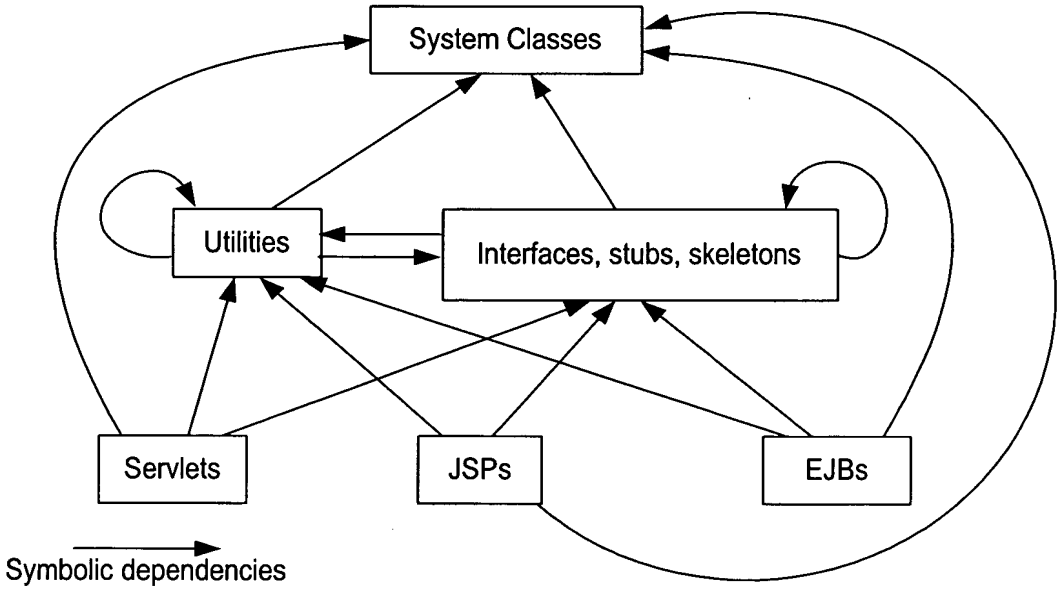


Fig. 2

change in ↓ / reload →	Helper	Interface Stubs/ Skeletons	Servlets/JSPs	EJBs
Helper	✓	✓	✓	✓
Interface/ Stubs/skeletons	✓	✓	✓	✓
Servlets/JSPs			✓	
EJBs				✓

Fig. 3

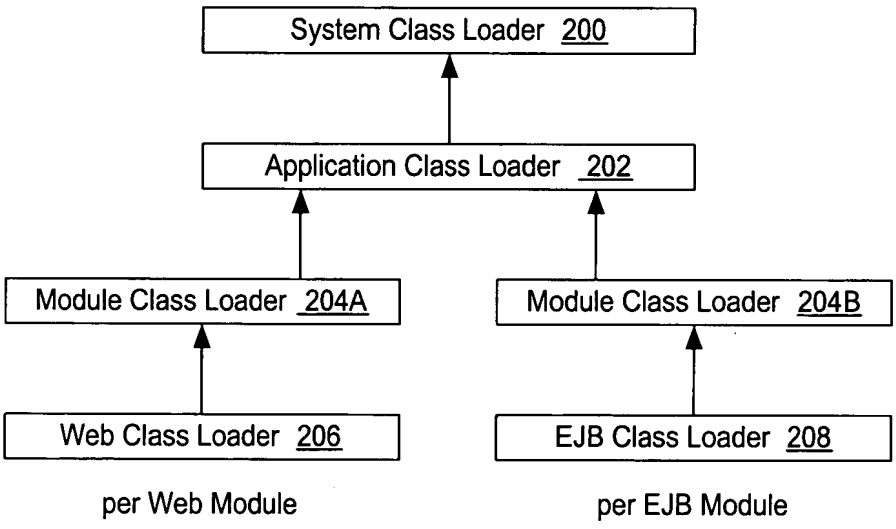
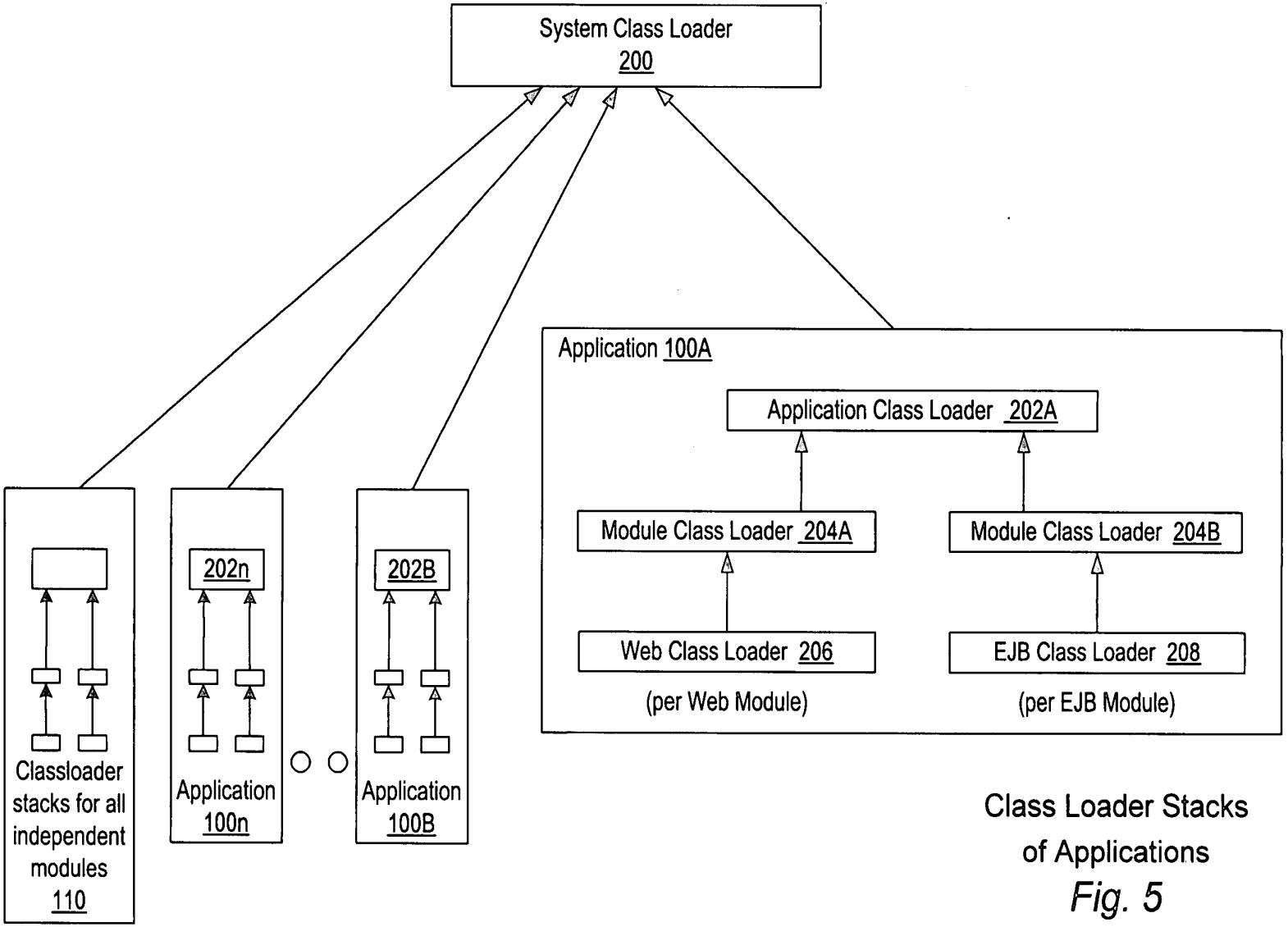


Fig. 4



Class Loader Stacks of Applications

Fig. 5

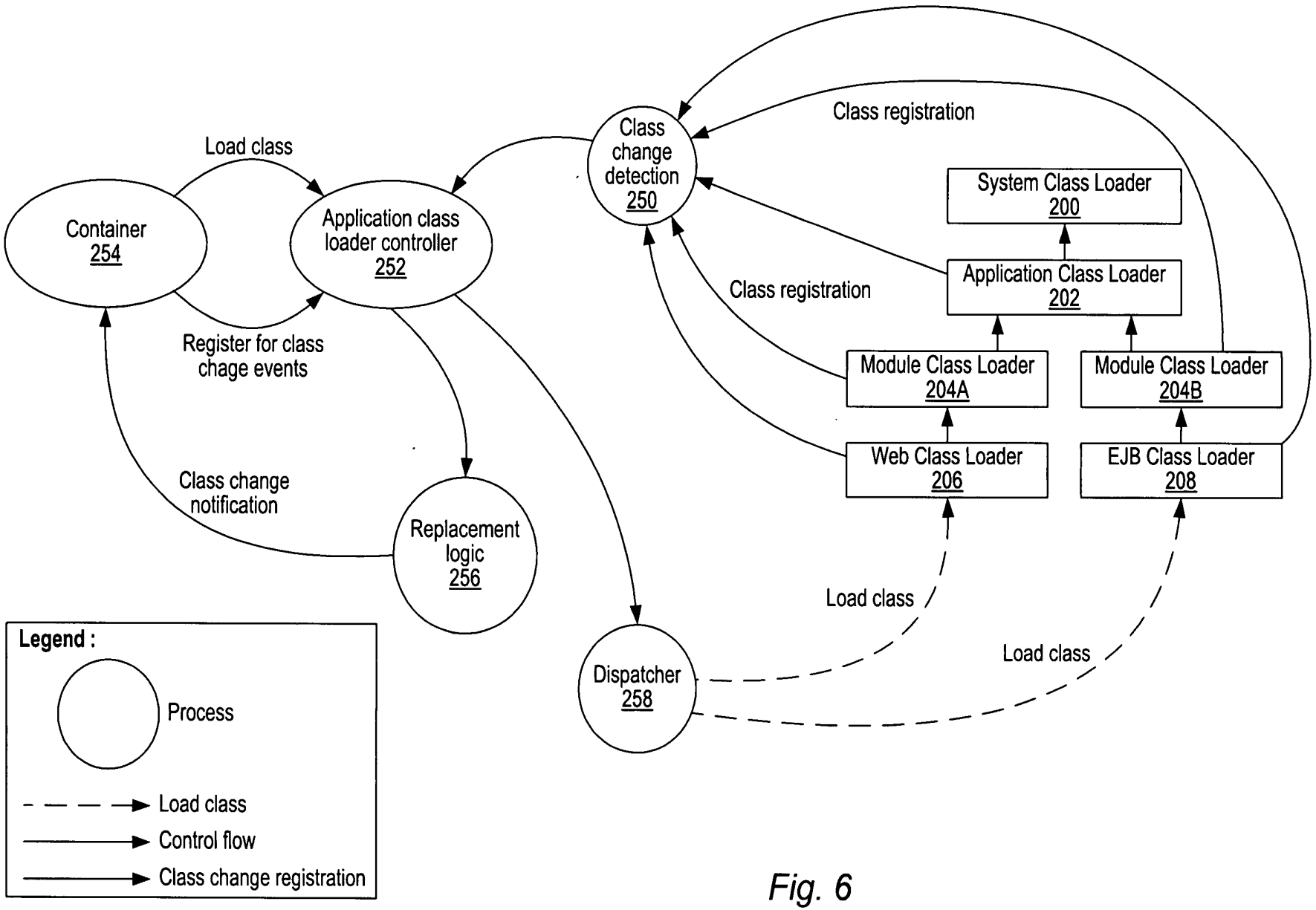

Load class
Container
254
Application class
loader controller
252
Register for class
chage events
Class change
notification
Replacement
logic
256
Class
change
detection
250
Class registration
System Class Loader
200
Application Class Loader
202
Class registration
Module Class Loader
204A
Module Class Loader
204B
Web Class Loader
206
EJB Class Loader
208
Load class
Load class
Dispatcher
258
Legend :
Process
Load class
Control flow
Class change registration

Fig. 6

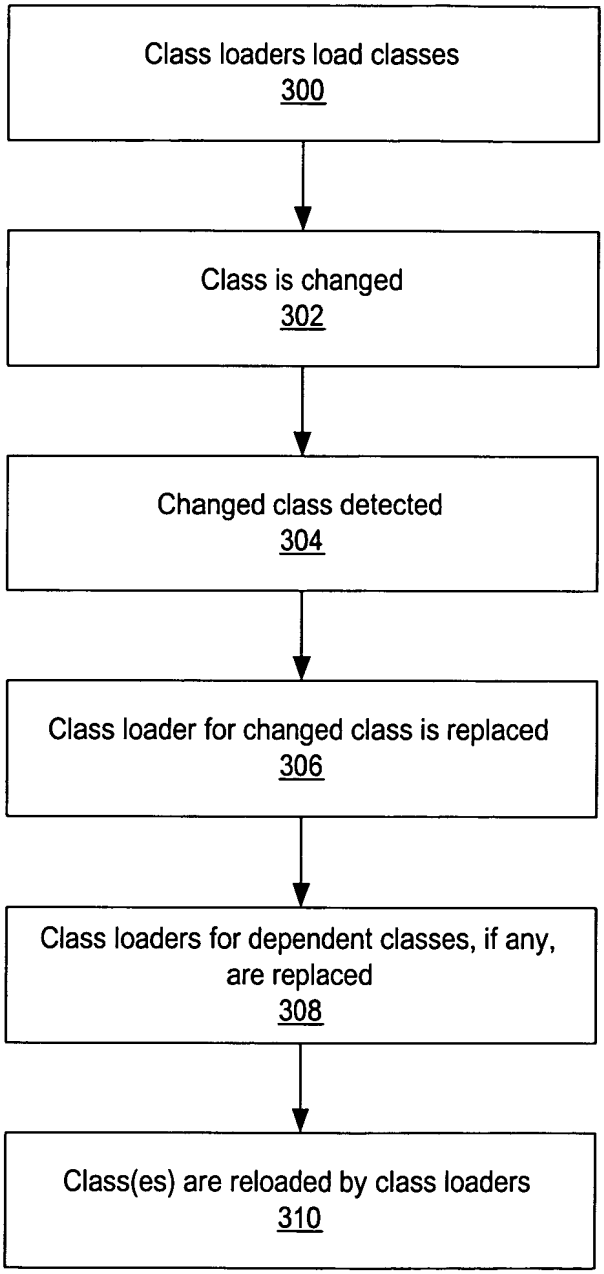


Fig. 7

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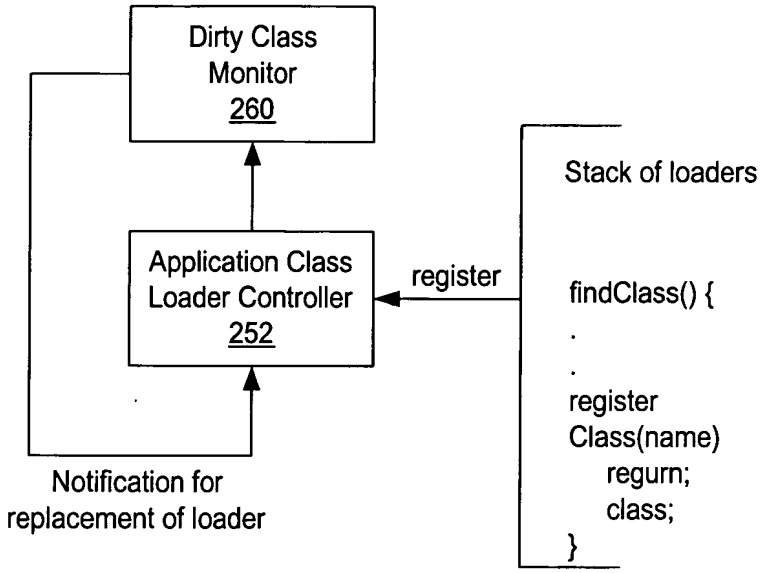

Fig. 8

Docket No. 50277-0505